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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOL. V. No. 5

MCKEE PRINT.

May, 1957

Production of crude oil and condensate from the oil and gas areas of Montana for the month of May, 1957, averaged 74,401 barrels daily, an increase of 2,118 barrels from the average April production of 72,283.

The eleven refineries in the State processed 68,204 barrels of crude oil daily for the month of May, 1957, an increase of 28,506 barrels daily from the 39,698 barrels processed daily during the month of April, 1957.

During May, 33 wells were completed, 18 oil, 0 gas well and 15 dry holes.

During May, the Commission issued 53 permits to drill new wells, an increase of 20 from the 33 permits issued during April.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF MAY, 1957

IN STORAGE MAY 1st:

By Producers	340,950
By Transporters	612,054
By Refiners	755,191

TOTAL STORAGE	1,708,195
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Produced in Montana During Month	2,306,453
Imported During Month	1,270,198

TOTALS	5,284,846
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DISPOSITION:

Refined in Montana	2,114,321
Exported	1,488,907
Used for Fuel or Lost	14,735

TOTAL	3,617,963
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IN STORAGE MAY 31st:

By Producers	350,002
By Transporters	636,461
By Refiners	680,420

TOTAL STORAGE	1,666,883
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NATURAL GAS WITHDRAWALS IN MONTANA

Month of May, 1957

Field	M Cu. Ft.
Bears Den	2,047
Big Coulee	30,082
Bowdoin	52,500
Bowes	37,666
Box Elder	0
Cabin Creek	93,139
Cedar Creek	188,808
Cut Bank (Including Reagan)	911,229
Devon	22,889
Dry Creek	172,039
Elk Basin	31,294
Flat Coulee	46,386
Golden Dome	3,322
Hardin	2,820
Keith Block	47,695
Kevin-Sunburst	63,636
Pine	153,813
Plevna	18,346
Utopia	15,173
Whitlash	109,277
Miscellaneous	44,725

TOTAL	2,046,886
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Total Withdrawals for May, 1956, were 1,798,866
M Cu. Ft.

PRODUCER'S REPORT

MONTH OF MAY, 1957

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	985	3,635	.....	3,533	.....	1,087
1	Bannatyne	1	.....	235	.....	235	.....	.....
11	Big Wall	27	3,610	19,204	.....	18,738	135	3,941
4	Blackfoot	4	.....	8,293	7,290	.....	.....	1,003
4	Border	8	.....	805	.....	805	.....	.....
11	Bowes	77	4,502	23,672	22,503	.....	.....	5,671
...	Brady-Midway .....	.....	.....	.....	.....	.....	.....	.....
3	Bredette	3	2,762	2,959	2,473	.....	.....	3,248
5	North Bredette	5	4,868	12,903	14,107	.....	.....	3,664
1	Brorson	2	2,027	2,280	2,754	.....	.....	1,553
2	Bynum	2	113	411	.....	151	.....	373
2	Cabin Creek	50	16,128	322,612	319,266	.....	2,370	17,104
29	Cat Creek	89	5,245	15,550	15,567	.....	.....	5,228
1	Clark's Fork	1	551	624	.....	877	.....	298
1	Clark's Fork, North	2	3,805	9,396	.....	10,035	13	3,153
2	Cupton	2	635	2,042	878	.....	1	1,798
345	Cut Bank	1,122	119,542	219,881	220,857	.....	26	118,540
3	Deer Creek	5	2,043	6,577	7,397	.....	.....	1,223
2	Delphia	2	1,682	8,303	.....	8,488	.....	1,497
1	Devil's Basin	2	489	185	.....	.....	.....	674
6	Dry Creek	6	1,738	8,168	8,337	.....	.....	1,569
20	Elk Basin	58	11,179	197,801	198,750	.....	.....	10,230
3	Fertile Prairie	3	1,987	2,948	2,741	.....	.....	2,194
2	Frannie	2	390	4,411	4,128	.....	.....	673
1	Gage	1	863	186	.....	142	.....	907
3	Gas City	12	3,855	34,044	34,696	.....	.....	3,203
6	Glendive	11	6,847	38,931	40,357	.....	.....	5,421
...	Golden Dome .....	.....	.....	.....	.....	.....	.....	.....
4	Ivanhoe	10	4,445	32,708	.....	33,542	.....	3,611
209	Kevin-Sunburst	1,412	15,484	82,111	81,067	.....	25	16,503
2	Lake Basin	2	.....	222	.....	.....	.....	222
1	Little Beaver	7	2,537	23,319	23,390	.....	.....	1,966
2	East Little Beaver	2	1,066	2,048	1,188	.....	.....	1,926
3	Melstone	5	1,968	5,243	.....	5,382	.....	1,829
3	Mosser	8	.....	1,416	.....	1,416	.....	.....
3	Outlook Area	3	3,832	11,379	3,839	6,023	360	4,989
11	Pennel	21	8,285	61,264	60,126	.....	434	8,989
4	Pine	101	21,583	473,346	474,193	.....	2,731	18,005
72	Pondera	325	9,116	51,061	51,699	.....	.....	8,478
11	East Poplar	92	26,873	383,753	357,661	21,450	300	31,215
3	Northwest Poplar	4	1,790	2,341	.....	2,418	.....	1,713
3	Ragged Point	6	3,707	8,429	.....	8,925	.....	3,211
...	Rattlesnake Butte .....	.....	399	.....	.....	.....	.....	399
4	Reagan	43	3,056	16,838	16,636	.....	.....	3,258
1	Repeat	1	645	1,617	1,561	.....	.....	701
4	Richey	8	4,208	13,096	12,621	.....	.....	4,683
...	Rudyard .....	.....	8	.....	.....	.....	.....	8
2	Snyder	4	1,433	3,598	.....	3,578	.....	1,453
5	Soap Creek	18	5,689	13,258	.....	5,874	.....	13,073
1	Southwest Richey	3	1,548	5,420	5,840	.....	.....	1,128
18	Sumatra	57	12,659	106,658	102,562	3,937	.....	12,818
4	Sweetgrass Hills	4	696	428	.....	348	.....	776
...	Utopia .....	.....	2	.....	.....	.....	.....	2
10	Whitlash	28	5,084	10,075	7,488	1,852	.....	5,819
...	Wibaux .....	.....	125	.....	.....	.....	.....	125
8	Wolf Springs	20	7,494	46,221	40,064	6,005	.....	7,646
2	Woodrow	2	940	4,242	4,716	.....	.....	466
1	Yellowstone	1	432	306	.....	.....	.....	738
861		3,688	340,950	2,306,453	2,147,252	143,754	6,395	350,002

Total Oil Produced and Shipped from Leases

	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1956	21,759,561	59,615	21,585,574	59,139
First Quarter, 1957	6,374,172	71,620	6,318,255	70,992
April 30, 1957	2,168,518	72,283	2,159,097	71,969
May 31, 1957	2,306,453	74,401	2,291,006	73,903

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1956	324,681	618,681	768,496	1,711,858
March 31, 1957	342,456	636,795	637,001	1,616,252
April 30, 1957	340,950	612,054	755,191	1,708,195
May 31, 1957	350,002	636,461	680,420	1,666,883

*Includes Wyoming Oil.

TRANSPORTER'S REPORT

MONTH OF MAY, 1957

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Trucks			3,533				3,533		
BANNATYNE—Trucks			235			235			
BIG WALL—Trucks			18,738			11,808	6,930		
BLACKFOOT—Union Oil Co.....		7,290				7,290			
BORDER—Trucks			805			805			
BOWES—									
Trigood Oil Company.....	6,290	5,017			(92)		6,219		5,180
The Texas Company.....		17,486				17,486			
	6,290	22,503			(92)	17,486	6,219		5,180
BRORSON—Sun Oil Company.....		2,754					2,754		
BYNUM—Trucks			151			151			
CABIN CREEK AND OTHERS*—									
Butte Pipe Line Company.....	293,509	853,148		506,111	(19)		1,359,188		293,599
Shell Pipeline Corp.....	1,565	88,848			(29)			85,887‡	4,556
	295,075	941,996		506,111	(48)		1,359,188	85,887‡	298,155
CAT CREEK—									
Continental Pipeline Co.....	6,562	10,342			31	10,551			6,322
Wm. Hanlon		5,225				5,225			
	6,562	15,567			31	15,776			6,322
CLARK'S FORK—Trucks			10,912			628	10,284		
CUT BANK—									
Big West Oil Company.....		5,166		20,603		25,769			
Darling Gathering System, Inc.....	4,625	14,443				13,977			5,091
Phillips Petroleum Company.....	6,126	46,174		3,267	(1,082)	3,960		20,640	32,051
Texas Pipe Line Co.....	86,006	51,900		57,414	494	74,786		24,640	95,400
Toronto Pipeline Company.....	27,644	59,415			(3)			65,613	21,449
Union Oil Company.....	95,476	41,424		29,609	1,167	74,658			90,684
	219,879	218,522		110,893	576	193,150		110,893	244,675
DELPHIA—Trucks			8,488			8,488			
DRY CREEK—Ohio Oil Company....	8,428	8,481			(71)	9,752			7,228
ELK BASIN—Ohio Oil Company....		198,750				142,800	55,950		
FRANNIE—Ohio Oil Company.....		4,123					4,128		
GAGE—Trucks			142			142			
GLENDIVE, DEER CREEK and WOODROW—									
The Texas Pipeline Company.....	3,044	52,291			314		4,102	43,749‡	7,170
IVANHOE—Trucks			33,542			31,673	1,869		
KEVIN-SUNBURST									
Big West Oil Company.....	2,096	36,701				36,618			2,179
Homestake Oil & Gas Company.....	312	3,102				3,039			375
The Texas Pipeline Company.....	7,881	39,089		1,506	(26)	40,569			7,933
Anna Aronow	30	1,687						1,506	211
	10,319	80,579		1,506	(26)	80,226		1,506	10,698
MELSTONE—Trucks			5,382			5,382			
MOSSER—Trucks			1,416				1,416		
PONDERA—									
Phillips Petroleum Company.....	16,655	50,950			2,111	51,113			14,381
POPLAR, BREDETTE & OUTLOOK									
East Poplar Gathering System.....	21,499	378,080			(286)			376,475‡	23,390
Trucks			29,891				29,891		
	21,499	378,080	29,891		(286)		29,891	376,475	23,390
RAGGED POINT—Trucks			8,925			8,925			
REAGAN—Union Oil Company.....		16,636				16,636			
SNYDER—Trucks			3,578			935	2,643		
SOAP CREEK—Trucks			5,874			5,874			
SUMATRA—									
Powder River Pipeline, Inc.....	16,215	102,562			513	102,613			15,651
Trucks			3,937			3,937			
	16,215	102,562	3,937		513	106,550			15,651
SWEETGRASS HILLS—Trucks			348			348			
WHITLASH—									
Homestake Oil & Gas Company....	2,411	168		6,668		7,616			1,631
Western Natural Gas Company.....	251	7,320						6,668	903
Trucks			1,852			1,852			
	2,662	7,488	1,852	6,668		9,468		6,668	2,534
WOLF SPRINGS—									
Powder River Pipe Line Co.....	5,426	36,758			184	40,923			1,077
Trucks			6,005			6,005			
	5,426	36,758	6,005		184	46,928			1,077
TOTALS	612,054	2,145,335	143,754	625,178	3,206	772,569	1,488,907	625,178	636,461

*Cabin Creek, Cupton, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.

‡Transferred to Butte Pipe Line Co.

BARRELS OF CRUDE OIL REFINED IN MONTANA MONTH OF MAY, 1957

Fields	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Unity Petr. Co.	Total by Fields
Bannatyne	.....	.....	.....	.....	.....	.....	235	.....	.....	.....	.....	235
Big Wall	.....	.....	.....	.....	11,252	.....	.....	.....	.....	.....	.....	11,252
Blackfoot	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,290	.....	7,290
Border	.....	.....	.....	.....	.....	.....	.....	2,337	.....	.....	.....	2,337
Bowes	.....	.....	.....	15,096	.....	.....	6,082	.....	.....	.....	.....	21,178
Bynum	.....	.....	.....	.....	.....	.....	152	.....	.....	.....	.....	152
Cat Creek	.....	.....	9,880	.....	628	5,274	.....	.....	.....	.....	.....	15,154
Clark's Fork	.....	.....	.....	.....	.....	.....	3,962	157,424	.....	63,751	.....	249,706
Cut Bank	24,569	.....	.....	.....	.....	8,581	.....	.....	.....	.....	.....	8,581
Delphia	.....	.....	.....	.....	10,077	.....	.....	.....	.....	.....	.....	10,077
Dry Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142,800
Elk Basin	98,310	.....	44,490	.....	142	.....	.....	.....	.....	16,953	.....	142
Gage	.....	.....	.....	.....	14,683	.....	.....	96,540	.....	.....	.....	31,636
Ivanhoe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	140,164
Kevin-Sunburst	43,624	.....	.....	.....	138	.....	.....	.....	.....	.....	.....	138
Lake Basin	.....	.....	.....	.....	.....	4,948	.....	.....	.....	.....	.....	4,948
Melstone	.....	.....	.....	.....	.....	.....	50,835	.....	.....	.....	.....	51,590
Pondera	755	.....	.....	.....	9,352	.....	.....	.....	.....	.....	.....	9,352
Ragged Point	.....	.....	.....	.....	.....	406	.....	.....	.....	16,636	.....	406
Rattlesnake Butte	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,446	16,636
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,446
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103,202
Sumatra	.....	.....	269	.....	102,933	.....	.....	.....	.....	.....	.....	349
Sweetgrass Hills	349	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	349
Whitlash	.....	.....	.....	.....	.....	.....	.....	3,964	.....	1,852	.....	5,816
Wolf Springs	.....	43,220	.....	.....	.....	.....	13,184	.....	.....	.....	.....	56,404
Total Montana Oil	69,297	141,530	54,639	15,096	149,205	19,209	74,450	260,265	.....	106,482	1,446	891,619
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	718	.....	.....	4,221	3,195	8,134
Wyoming Oil Imported	.....	607,608	293,533	.....	311,079	2,348	.....	.....	.....	.....	.....	1,214,568
TOTAL Montana, Canadian and Wyoming Oil	69,297	749,138	348,172	15,096	460,284	21,557	75,168	260,265	.....	110,703	4,641	2,114,321

AVERAGE BARRELS PER DAY

	Montana	Canada	WYOMING	TOTAL
Year, 1956	24,735	239	37,486	62,460
May, 1956	25,166	359	38,654	64,179
May 1957	28,762	262	39,180	68,204

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	WYOMING
Year, 1956	39.60%	39%	60.01%
May, 1956	39.21%	56%	60.23%
May 1957	42.17%	39%	57.44%